

WHAT IS CLAIMED IS

1. A gas insulated switchgear comprising bus lines, disconnectors and a breaker:

5 a first metallic case containing said breaker, said first metallic case being earthed; and

a second metallic case containing said plurality of bus line disconnectors, or a plurality of second metallic cases containing said plurality of bus line disconnectors in a
10 single gas compartment, wherein

said first metallic case and said second metallic case are connected to each other through a gas partition spacer.

2. A gas insulated switchgear according to claim 1, which
15 is connected to a bus line through bushings, wherein

said plurality of bushings for leading a bus line are attached to said second metallic case with a preset spreading angle between the adjacent bushings for leading a bus line.

20 3. A gas insulated switchgear according to claim 2, wherein said spreading angle is a value within a range of 30 to 70 degrees.

4. A gas insulated switchgear according to any one of
25 claim 1, claim 2 and claim 3, wherein said bushing for leading a load is attached to said first metallic case so as to be slanted with respect to a direction intersecting at right

angle with a center axis of said first metallic case.

5. A gas insulated switchgear according to claim 4, wherein said bushing for leading a load and said plurality
5 of bushings for leading a bus line are attached to said first metallic case and said second metallic case on a plane slanting with respect to a vertical plane passing through center axes of said first metallic case or said second metallic case.

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6. A gas insulated switchgear according to any one of claim 1 to claim 3, wherein an operating axis of said disconnecter intersect with a moving axis of a movable contact electrode of said disconnecter at nearly right angle.

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7. A gas insulated switchgear according to any one of claim 1 to claim 3, wherein said metallic case has an earthing switch, said earthing switch is closed at an open-circuit position of the disconnecter, and opened at a closed-circuit
20 position of the disconnecter.

8. A gas insulated switchgear according to any one of claim 1 to claim 3, wherein said bushing is a duplex insulator tube made of FRP and silicone rubber.

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9. A gas insulated switchgear according to claim 1, which comprises a bypass disconnecter for bypassing between a

leading point of said bushing for leading a load and said bus line; and a current detector for measuring a center conductor current of said bushing.

- 5 10. A gas insulation switchgear according to any one of claim 1 and claim 2, which comprises current transformers arranged in both sides of said breaker, and detecting accuracies of said current transformers in the both sides are different from each other.

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11. A gas insulation switchgear according to claim 10, wherein a winding current type transformer is arranged as the transformer in one side of said breaker, and a Rogosky's coil type current transformer is arranged in the other side.

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12. A gas insulation switchgear according to any one of claim 1 and claim 2, wherein a 3-position disconnecter is employed as said disconnecter.

- 20 13. A gas insulation switchgear according to claim 12, which comprises bushings for a double bus line, disconnectors being arranged between said two bushings and said breaker, a 3-position disconnecter being used as the disconnecter nearer to said breaker.

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